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Navy Marine Corps Intranet (NMCI)

CLIN27: Legacy Server Transition to the NMCI

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- The scope of the LSTG is limited to the processes, procedures, and guidelines associated with successfully transitioning production systems from the legacy DON environments to the NMCI environment.

- The LSTG provides general procedural guidance for transitioning Legacy Systems to NMCI.

Benefits of Legacy System Transition

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- Enhanced network security.
- Increased productivity due to increased network response time.
- Improved systems reliability and quality of service.
- Dual desktop seat reduction.

Phase I – Assess

1. Site awareness visit
2. Analyze and assess servers
3. Certification and Accreditation – NSCAP package
4. Obtain IATO/ATO from NMCI DAA - NETWARCOM

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Phase II - Document

1. Create Project Plan
2. Complete Server Transition Information form
3. Create DEV401 solution document
4. Submit pertinent documentation to DSL
5. Submit RFC
6. ECCB Review

Phase III – Implement

1. SRM routed to NOCs
2. Affected NOC Implementation Manager assigned
3. Implementation team:
   - Configuration Management
   - Change Control
   - Help Desk
   - Information Assurance - Raytheon
   - WAM!NET
   - Site Manager
   - Base Operations
   - NOC Network Engineers

CLIN27 Considerations

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1. Currently all client workstations of a CLIN27 server must be NMCI
2. NMCI infrastructure must be in place. CLIN27 provides for bandwidth, not hardware.
3. IA should conduct initial and periodic subsequent monitoring – process being refined
4. CLIN27 servers should all be under DITSCAP accreditation – working in this direction
5. No SLAs in place
6. Ongoing discussion concerning responsibility for Network outages due to CLIN27 device

Government Furnished Equipment Network Attachable Storage Device

- IP assigned permanently
- Billing continues during times when device is detached
- Device administrator responsibilities

Possible Alternative

1. Have NMCI server farm host the device
2. Server farm will be responsible for maintenance, backup, etc.
3. Detachment and reconnection responsibility of server farm
4. Ongoing discussion

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LOW: **CLIN 0027AA (10 Mbps)**
MEDIUM: **CLIN 0027AB (100 Mbps)**
HIGH: **CLIN 0027AC (1 Gbps)**

- Service Description
  - Application server connectivity is a service that provides NMCI connectivity to legacy application servers for Navy and Marine Corps organizational, operational, and functional applications to meet mission requirements. This service will meet peak network loading requirements of users for replication, but does not include server and database maintenance, and administration.
  - This item covers connectivity for application servers above and beyond the 2100 legacy applications included as a part of the NMCI basic services and provides NMCI connectivity to application servers that are added to the network after baseline services are established.
  - Provides connectivity within a backbone. Provides a standard level of availability, network loading, and maintenance responsiveness.
  - Single static IP address

LOW: **CLIN 0027AD (10 Mbps)**
MEDIUM: **CLIN 0027AE (100 Mbps)**
HIGH: **CLIN 0027AF (1 Gbps)**

- Service Description
  - Provides connectivity between an application server and the network backbone of the local supporting backbone. Provides an increased level of availability, reduced network loading and greater maintenance responsiveness.
  - Two static IP addresses for redundancy

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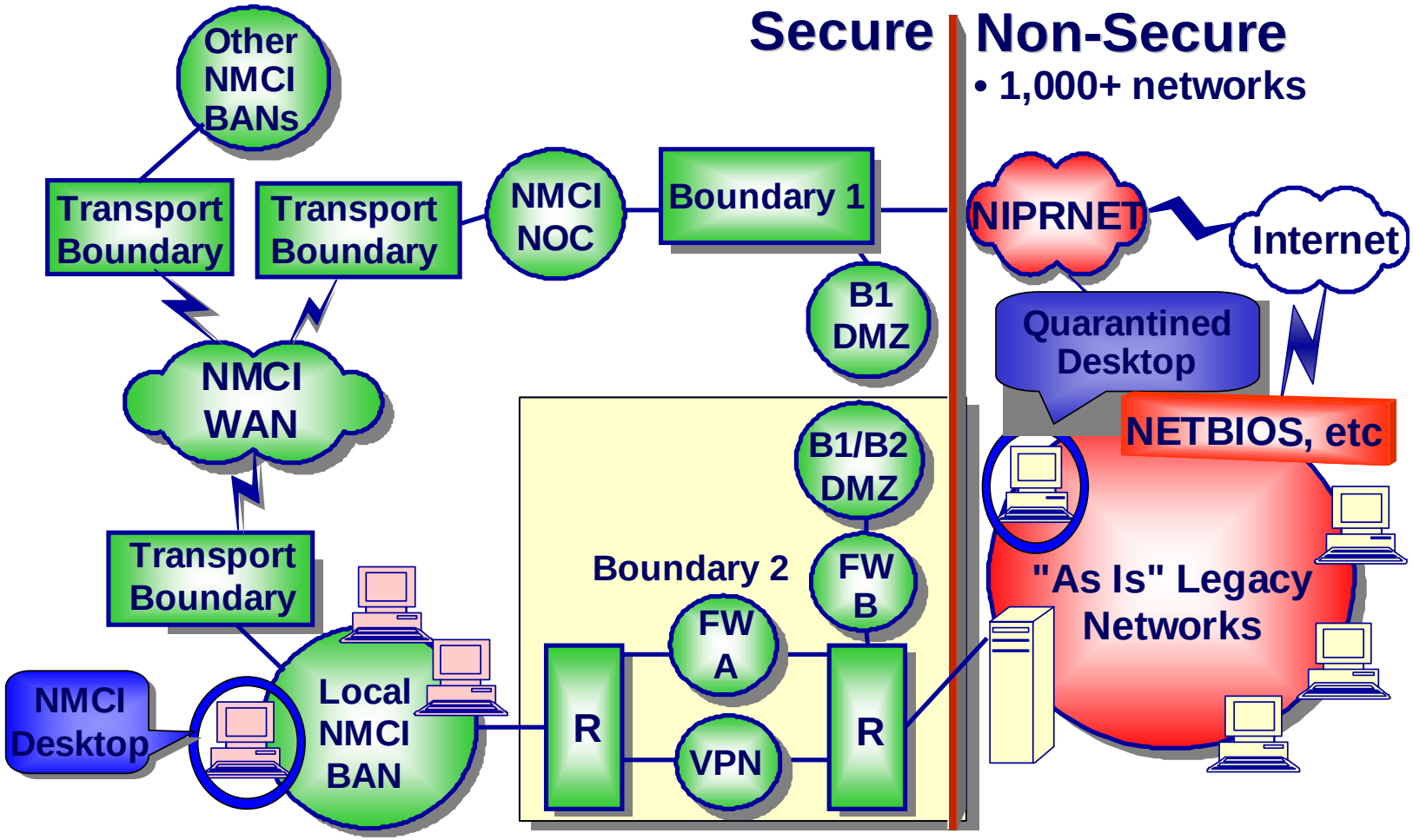
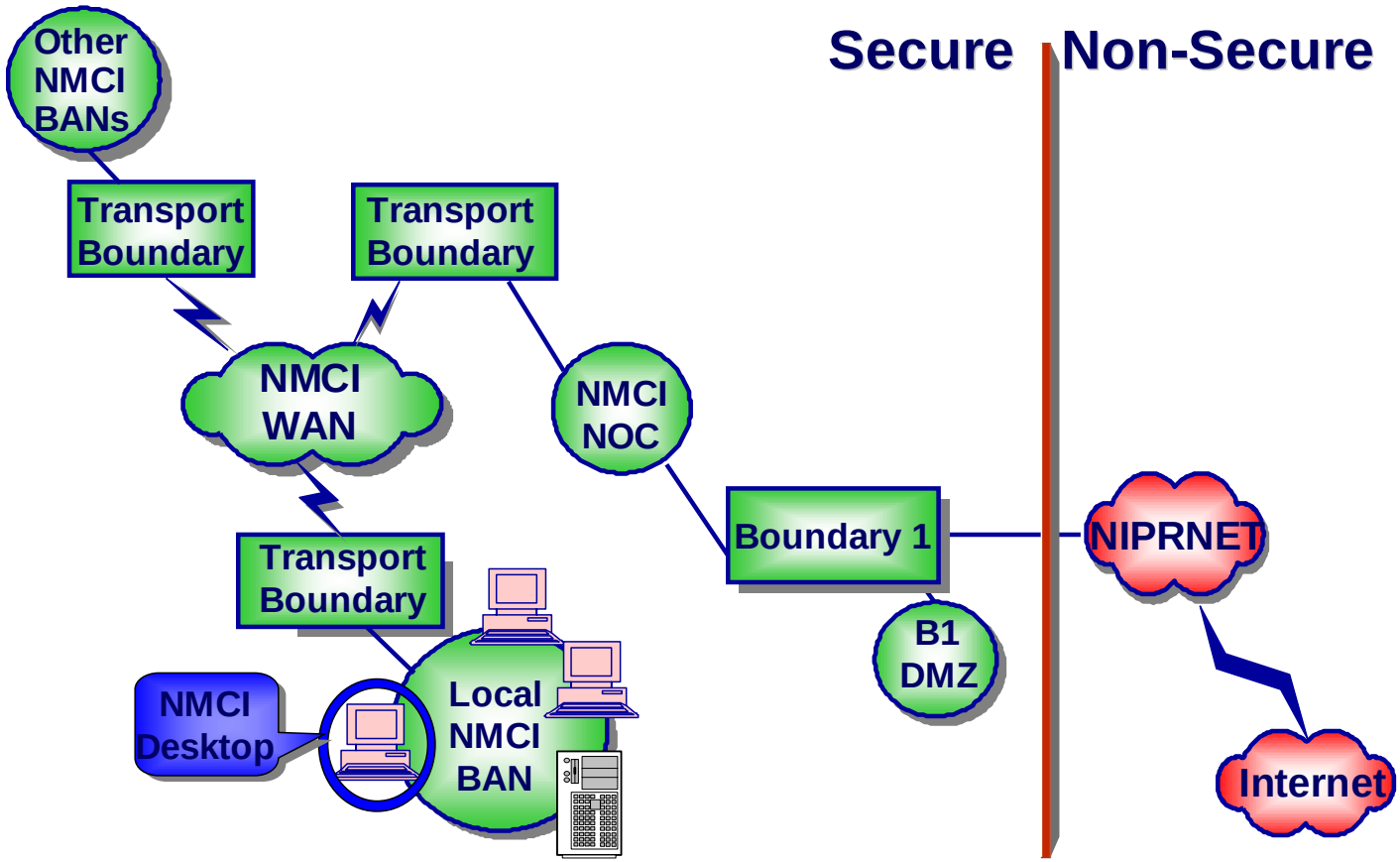
CLIN 0027AG

- Service Description
  - Application server connectivity is a service that provides NMCI connectivity to 2100 legacy applications that are included as a part of the NMCI basic service.
  - NMCI Director's Office discretion

NMCI Architecture and Security Boundaries



NMCI Architecture and Security Boundaries after Transitioning Systems



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Questions

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